

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James J. Finley et al.  
Appl. No.: to be assigned  
Filed: herewith  
Title: DURABLE SPUTTERED METAL OXIDE COATING

Group Art Unit:  
Examiner:

Docket No.: 1074D2

PRELIMINARY AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Please amend the above-identified application as follows:

IN THE SPECIFICATION

After the title and before the paragraph entitled  
"BACKGROUND", insert the following paragraph:

Related Application

This is a divisional of U.S. Patent Application Serial  
No. 08/508,408, filed on July 28, 1995, now U.S. Patent No.  
6,346,174 B1; which is a divisional of U.S. Patent Application  
Serial No. 08/151,229, filed on November 12, 1993, now abandoned.

IN THE CLAIMS

Cancel claims 1-20 and add the following claims 21-43.

--21. A coated product comprising a substrate and a film  
sputtered from a metal cathode target in an atmosphere comprising  
inert gas and reactive gas, the metal in the metal cathode target  
having a reactive gas switch point, wherein the concentration of the  
reactive gas during sputtering is below the reactive gas switch  
point such that the metal target is sputtered in a metallic mode to  
deposit a metal film having an amorphous structure defined as an  
amorphous metal film.